

Project 2100 Study Plan Reports Delivered to the Collaborative (as of 05-12-04)

Resource Area/Study Report Name	Delivery Date
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Cultural Resources

C1	I.R. Inventory	01/03
	D.R. Ethnographic Inventory Public	04/03
	D.R. Ethnographic Inventory Internal (confidential)	04/03
	D.R. Archaeology Inventory Public	04/03
	D.R. Archaeology Inventory Internal (confidential)	05/03
	F.R. Cultural Res. Ethnographic Inventory Public	02/04
C2	Draft FERC Hydro-electric Facilities Historic Architectural Evaluation Report (confidential)	04/04

Engineering and Operations

E1	Model Development Study Plan	06/03
E1.1	Statewide Operations Model	06/03
E1.2	Local Operations Model Development (Final enhancements completed) (confidential)	08/03
E1.3/ E1.4/E1.5	Oroville Reservoir/Thermalito Complx/F.R Temp. Model Development I.R. on Temperature Model presented to E&O W.G.	04/03
E1.6	F.R. Feather River Stage Model Development	04/03
E2	Performing Modeling Simulations	
	Operations Modeling Seminar #1	06/03
	Operations Modeling Workshop #2	08/03
	Operations Modeling Workshop #3	10/03
	Operations Modeling Workshop #4	02/04
	Operations Modeling Workshop #5	04/04
E3	Evaluate the potential for additional Hydropower Generation at Oroville (Confidential)	03/03
E6	Downstream extent of Temp Control by Oroville Facilities	10/03
E7	F.R. Oro Res Cold Water Pool Analysis	07/03

Environmental-Fisheries

F1	I.R. T1- Evaluating the Impacts of Project Operation on Non-Fish Aquatic Res Lit & Data Rev	04/03
F2	Effects of Project Operations on Fish Diseases	
	I.R. Phase 1 Evaluation of Proj Effects on Fish Diseases	11/02
	D.R. T1&2 Evaluation of Proj Effects on Fish Diseases	03/03
F3.1	Eval of Proj Eff's on Resident Fish and their Hab within Lake Oroville, it's Upstream Tribs, the Thermalito Complex, and the Oroville Wildlife Area	
	I.R. T1A, Assessment of Potential Fish Passage Impediments above Lk Oro's HWM	02/04
	F.R. T2A&T3A-Fish Species Comp: Lake Oroville, Therm D.P., Therm Forebay	07/03
	I.R. F3.2 T4A & F3.1T1C-Fish Habitat GIS Coverage (GIS Maps)	06/03
	F.R. T2B-Eval Ability Lk Oro's Coldwater Pool to support Salmon Stock Recommendations	03/03
	I.R. T2C-Eval.Lake Oroville WSE Reductions on Bass Spawn Success	12/02
	F.R. T2D-Management Practices & Monitoring Studies of White Sturgeon	12/02
	F.R. T4B Char of Cold Water Pool Avai in the Thermalito Afterbay	02/04
	I.R. T5A-One-Mile Pond Fish Species Composition	11/03
	I.R. T5B-Char of Fish Hab in One-Mile Pond	02/04
F3.2	Evaluation of Project Effects on Resident Fish and their Habitat in the Feather River Downstream of the Fish barrier Dam	
	D.R. T1& F21T2-Fish Dist in the FR below Therm Div Dam to the Conflu w/ Sac Riv	01/03
	I.R. T1 Fish Distribution	01/03
	I.R. T2+F21 T1-Lit Rev of Life Hist and Hab Req for FeaRiv fish species	01/03
	F.R. F15 T1+F3.2 T2+F21 T1-Lit Rev of Life Hist and Hab Req for FeaRiv fish species	04/04
	I.R. T3A-Identify Green Sturgeon Distrib and Hab use patterns	12/02
	I.R. T3A-Assessment of Potential Sturgeon Passage Impediments	01/03
	F.R.T3A-Final Assessment of Potential Sturgeon Passage Impediments	09/03
	F.R.T3A-Final Assessment of Sturgeon Distribution and Habitat Use	12/03
	I.R. F3.2T4A & F3.1T1C-Fish Habitat GIS Coverage (GIS Maps)	06/03
F8	Transfer of Energy and Nutrients by Anadromous Fish Migrations	
	D.R. T4-Sum Report of Tasks 1,2,& 3	05/03
	Revised D.R. Transfer of Energy and Nutrients by Anadromous Fish Migrations	09/03
	Summary of Revisions to SP-F8 Technical Report	09/03

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Environmental-Fisheries - continued

F9	Hatchery Effects on Salmonids	
	Phase 1 Interim Literature Review for SP-F9 Evaluation of Proj Eff on Nat Sal Pop	11/02
	Revised Phase 1 Interim Literature Review, SP-F9 Eval of Proj Eff on Nat Sal Pop	03/03
F10	Evaluation of Project Effects on Anadromous Salmonids and their Habitat	
	I.R. T1C-Eval Flow-related Phys Impedi in the F. R. Below the Fish Barrier Dam	01/03
	I.R. T1E-Spring-run Chinook Holding Habitat Characteristics	04/03
	I.R. T1E Pre-Spawning Chinook Salomon Migration Patterns & Holding Characteristics	03/04
	I.R. T2B-Steelhead Spawning Methods	05/03
	I.R. T2B-2003 Lower Fea Riv Steelhead Redd Survey	07/03
	I.R. T2D-Eval of Flow Fluctuation Eff on Chinool Salmon Redd Dewatering in the Lower FR	02/04
	I.R. T3A-Dist and Hab Use of Steelhead and other Fishes in the Lower Fea Riv	01/03
	F.R. T3A Dist and Hab use of Juvenile Steelhead and other Fishes of the Lower FR	04/04
	F.R.T3B Growth Investigation of Wild and Hatchery Steelhead in the Lower Feather Riv	02/04
	I.R. T3B-Growth Invest of Wild Juv Steelhead in FR using Mark and Capture techniques	06/03
	I.R. T3B-Steelhead Rearing Temperatures	07/03
	I.R. T3C-Redd Dewatering and Juv Steelhead and Chinook Sal Stranding in Lower FeaRiv	06/03
	F.R. T4A-River Flow Effects on Emigrating Juvenile Salmonids in the Lower Feather Riv	12/03
	I.R. T4A-Literature Review of Devices Used for Enum of Juv Steelhead Outmigrants	01/03
	F.R. T4B-Timing, Therm Temp Rngs and Pot Wat Temp Eff on Emig Juv Sal in LowrFeaRiv	10/03
F15	Evaluation of the Feasibility to Provide Passage for Anadromous Salmonids Past Oroville Facility Dams	
	D.F.R. T4 Fish Passage Model	01/04
	F.R. F15 T1+F3.2 T2+F21 T1-Lit Rev of Life Hist and Hab Req for FeaRiv fish species	04/04
F16	D.R. Phase 1- Evaluation of Project Effects on Instream Flows and Fish Habitat	07/02
	F.R. Phase 2- Evaluation of Project Effects on Instream Flows and Fish Habitat	02/04
F21	Project Effects on Predation of Feather River Juvenile Anadramous Sal.	
	I.R. Task 4-Predation PM&E Literature Review	02/03
	I.R. F3.2 T2+F21 T1-Lit Rev of Life Hist and Hab Req for FeaRiv fish species	01/03
	F.R. F15 T1+F3.2 T2+F21 T1-Lit Rev of Life Hist and Hab Req for FeaRiv fish species	04/04
	D.R. F3.2 T1+F21 T2-Fish Dist in the FR below Therm Div Dam to the Conflu w/ Sac Riv	01/03

Environmental-Geomorphic

G1	Prog. Rp. Effects of Project Operations on Geomorphic Process Upstream of Oroville	04/03
	D.F.R. -Effects of Project Operations on Geomorphic Process Upstream of Oroville Dam-	04/04
G2	I.R. Effects of Project Operations on Geomorphic Processes Downstream of Oro Dam	04/03
	D.F.R. Task 1.2 & 4 -Physiographic Setting and Mesohabitat	04/04
	D.R. Effects of Project Operations on Geomorphic Processes Downstream of Oro Dam:	03/04
	Task 7 – Hydraulic and Sediment Transport Modeling with Fluvial 12	

Environmental-Terrestrial

T1	I.R. Effects of Project Features and Operation on Wildlife and Wildlife Habitat	03/03
	D.F.R. Effects of Project Features and Operation on Wildlife and Wildlife Habitat	04/04
T2	Project Effects on Special Status Species	
	I.R. Proj Effects on Special Status Plant Species	12/02
	I.R. Proj Eff on Special Status Species - Wildlife	11/02
	D.F.R. Proj Eff on Special Status Species - Wildlife	02/04
	D.F.R. Project Effects on Special Status Plant Species	03/04
T4	I.R. Biodiversity, Vegetation Comm., and Wildlife Habitat Mapping	06/03
	D.F.R. Biodiversity, Vegetation Comm. and Wildlife Habitat Mapping	12/03
T6	I.R. Interagency Wildlife Management Coordination	02/04
T7	I.R. Proj Effects on Noxious Terrestrial and Aquatic Plant Species	04/03
T8	D.F.R. Project Effects on Non-Native Wildlife	09/03
T9	I.R. Recreation and Wildlife	02/03
T11	D.F.R. Effects of Fuel Load Mgmt and Fire Prevention on Wildlife and Plant Comm.	10/03

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Environmental-Water Quality		
W2	D.R. Phase 1-Contaminant Accumulation in Fish, Sediments, and the Aquatic Food Chain	02/04
W3	Recreational Facilities and Operations Effects on Water Quality I.R. T1A,RecFac and Ops Eff on WQ, T1 Eff of CurrRecrFacI and Ops, T1A ID Pot Eff WQ	11/02
W5	Project Effects on Groundwater Revised D.R. T1 Phase 1, Inv Exist Wells and Ass of Exist GW Data and GW Mon Act	05/03
	D.R. T1, Phase 1, Proj Eff on GW, Inv Exist Wells and Assmt of Exist GW Data	01/03
	D.R. Task 1 Project Effects on Ground Water	03/04
W7	Progress Report, Land and Watershed Mgmt Effects on WQ	02/03
Land Use, Land Management, & Aesthetics		
L3	I.R. Comprehensive Plan Consistency Evaluation	02/03
L5	I.R Fuel Load Management Evaluation	06/03
Recreation and Socioeconomics		
R1	F.R. Vehicular Access Study	09/03
R2	F.R. Recreation Safety Assessment	02/04
R6	F.R. ADA Accessibility Assessment	09/03
R7, R9, R13	I.R. Reservoir Boating-Existing Rec Use-Rec Surveys, Critical Path Rec Field Studies	02/03
R7	F.R. Reservoir Boating	02/04
R9	F.R. Existing Recreation Use Study	02/04
R10	F.R. Recreation Facility Inventory and Condition Report	09/03
R11	F.R.Rec. and Public Use Impact Assessment.	02/04
R14	F.R. Assess Regional Recreation Barriers to Recreation	02/04
R15	F.R. Recreation Suitability	02/04
R16	F.R. Whitewater and River Boating	02/04
R18, R19	Recreation Activity, Spending, and Associated Economic Impacts	
	F.R. Economic and Fiscal Background Conditions Phase 1:	05/03
	D.R. Phase 2 Bkgrnd Rpt: Prop Value Analysis using a Hedonic Property-Pricing Model	02/04
	D.R. Phase 2 Background Rpt: Recreation and Tourism Economy in Oroville	02/04